

ABSTRACT OF THE INVENTION

A fluid contactor is taught for mixing and reacting of fluids. Mixing is enhanced by providing a suitable residence time and suitable surface area contact by forming eddy flow within the fluid and thereby the formation of vortexes. Such a contactor does not require the use of mechanical mixers. The contact chamber of the present invention can enhance chemical
5 modification by use of chemical modifiers such as ultraviolet lamps, by allowing the positioning of such modifiers adjacent the vortexes.